

## ABSTRACT

### A NOVEL TREATMENT FOR COUGH

The invention discloses the existence of cannabinoid receptors in the airways, which are functionally linked to inhibition of cough. Locally acting cannabinoid agents can be administered to the airways of a subject to ameliorate cough, without causing the psychoactive effects characteristic of systemically administered cannabinoids. In addition, locally or systemically administered cannabinoid inactivation inhibitors can also be used to ameliorate cough. The present invention also defines conditions under which cannabinoid agents can be administered to produce anti-tussive effects devoid of bronchial constriction.

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